

## ABSTRACT OF THE DISCLOSURE

A method for expressing the algorithms for the manipulation of hardware includes providing program instructions that describe a sequence of one or more transactions for manipulating hardware components of a system. The program instructions may call one or more code segments that include specific information associated with particular hardware components of the system. In addition, the program instructions are independent of the specific information. The method may also include translating the program instructions into an executable form and executing the executable form of the program instructions to manipulate the hardware components of the system from one consistent state to a next consistent state.

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